

ANCO/67US  
Confirmation No. 7840

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Thomas A. Bachman, II et al.      Art Unit: Unknown  
Serial No.: 10/625,761      Examiner: Unknown  
Filed: July 23, 2003      Atty. Docket No.: ANCO/67US  
For: ELIMINATION OF PEAK CLIPPING AND IMPROVED EFFICIENCY FOR RF  
POWER AMPLIFIERS WITH A PREDISTORTER

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**TRANSMITTAL**

Commissioner for Patents  
P.O. Box 1450  
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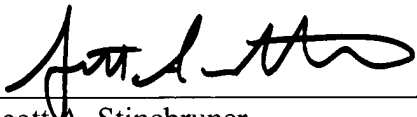
Sir:

We are transmitting herewith the attached:

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Information Disclosure Statement  
Substitute Form PTO-1449 (2 pages)  
4 Foreign Patent References  
6 Other Art References  
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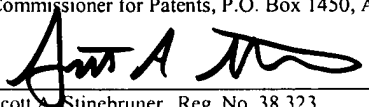
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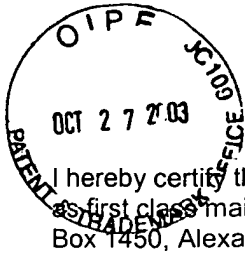
WOOD, HERRON & EVANS, L.L.P.  
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By:   
Scott A. Stinebruner  
Reg. No. 38,323

**CERTIFICATE OF MAILING 37 CFR 1.8**

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*Scott A. Stinebrunel*

23 OCT 2003

Scott A. Stinebrunel, Reg. No. 38,323

Date

PATENT  
ANCO-67US/124  
Confirmation No. 7840

Applicant: Thomas A. Bachman, II et al.

Art Unit: Unknown

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For: ELIMINATION OF PEAK CLIPPING AND IMPROVED  
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October 23, 2003

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

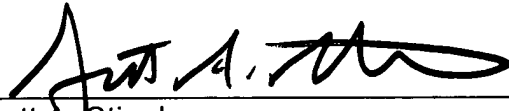
In accordance with the duty of candor and good faith imposed by 37 CFR §1.56 and means of complying therewith according to 37 CFR §§1.97 and 1.98, the references listed on the attached forms PTO-1449 are called to the attention of the U.S. Patent and Trademark Office in connection with the above-identified application. Copies of the references are enclosed. Applicant also notes that this application may be related to the following co-pending applications U.S. Serial No. 09/395,490, filed on September 14, 1999; U.S. Serial No. 10/068,343, filed on February 5, 2002 by Vella-Coleiro; U.S. Serial No. 10/091,756, filed on March 6, 2002 by White et al.; U.S. Serial No. 10/342,633, filed on January 15, 2003 by DeBruyn et al.; and U.S. Serial No. 10/406,959, filed on April 3, 2003 by Leffel.

This Information Disclosure Statement is being within three months from the filing date of this application, and therefore, no fees are believed to be due.

The Examiner is respectfully requested to review each reference cited and to note the review on the attached PTO-1449 forms (2 pages) and to reach their own independent determination of its materiality, if any. It should also be noted that Applicants are filing on even date herewith two Electronic Information Disclosure Statements with a total of 68 U.S. patent references listed therein.

If any charges or credits are necessary to complete this communication, please apply them to Deposit Account 23-3000.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Scott A. Stinebruner", written over a horizontal line.

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SUBSTITUTE FORM PTO-1449  
(MODIFIED)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
ANCO/67USSERIAL NO.  
10/625,761INFORMATION DISCLOSURE  
STATEMENT BY APPLICANTAPPLICANT  
Thomas A. Bachman, II et al.Confirmation No.  
7840FILING DATE  
July 23, 2003GROUP  
Unknown

(37 CFR 1.98(b))

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A.A						
	A.B						
	A.C						
	A.D						
	A.E						
	A.F						
	A.G						
	A.H						
	A.I						
	A.J						
	A.K						

## FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
	A.L	EP 0 367 457 B1	27.03.1996	EPO	H03F	1/32	Yes
	A.M	EP 0 948 131 B1	27.03.2002	EPO	H03F	1/32	Yes
	A.N	EP 0 998 026 A1	03.05.2000	EPO	H03F	1/32	Yes
	A.O	WO 97/08822	06.03.1997	WIPO	H03F	1/32	Yes
	A.P						
	A.Q						

## OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

	A.R	Lohtia, Anit et al., "Power Amplifier Linearization using Cubic Spline Interpolation", <u>IEEE</u> , (1993), No. 0-7803-1266-x/93, pp. 676-679.					
	A.S	Stapleton, Shawn P., "Amplifier Linearization Using Adaptive Digital Predistortion - The need for greater linearity can be addressed at the digital coding level", <u>Applied Microwave &amp; Wireless</u> , Technical Feature, (February 2001), pp.72-77.					
	A.T	Vella-Coleiro, George, <u>Frequency-Dependent Phase Pre-Distortion for Reducing Spurious Emissions in Communication Networks</u> , U.S. Patent Application Serial No. 10/068,343, filed on February 5, 2002.					

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not in conformance. Draw line through citation only if not in conformance and not considered. Include a copy of this form with next communication to applicant.

SUBSTITUTE FORM PTO-1449  
(MODIFIED)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
ANCO/67USSERIAL NO.  
10/625,761INFORMATION DISCLOSURE  
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	B.A						
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	B.C						
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	B.K						

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	B.L						
	B.M						
	B.N						
	B.O						
	B.P						
	B.Q						

## OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

B.R	White, Paul E. et al., <u>Digital Baseband Receiver in a Multi-carrier Power Amplifier</u> , U.S. Patent Application Serial No. 10/091,756, filed on March 6, 2002.
B.S	DeBruyn, William P. et al., <u>An Uncorrelated Adaptive Predistorter</u> , U.S. Patent Application Serial No. 10/342,633, filed on January 15, 2003.
B.T	Leffel, Michael D., <u>Independence Between Paths That Predistort for Memory and Memory-less Distortion in Power Amplifiers</u> , U.S. Patent Application Serial No. 10/406,959, filed on April 3, 2003.

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